

Lampiran 1. Surat Keterangan Penelitian



Jakarta, 28 Juli 2021

Nomor : 83-027/SP/KAPRODI-SI/FASILKOM/EXT/VII/2021
Lampiran : -
Perihal : Surat Permohonan Izin Untuk Penelitian

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Dengan hormat,

Sehubungan dengan mata kuliah Tugas Akhir (Skripsi) yang memerlukan data dan informasi bagi mahasiswa Fakultas Ilmu Komputer Program Studi Sistem Informasi, bersama ini kami sampaikan bahwa mahasiswa kami bermaksud untuk mencari beberapa data / informasi. Adapun nama mahasiswa tersebut adalah :

Nama : Tedi Renaldi
NIM : 20170803106
Judul TA/Skripsi: Rancang Bangun Dashboard Data Nilai Mahasiswa
E-Learning Magister Ilmu Komputer Universitas Esa
Unggul Berbasis Web

Demikianlah atas perhatian dan kerjasamanya, kami ucapkan terima kasih. Hormat kami,



Ketua Program Studi Sistem Informasi

C.c : 1. Arzip

Anik Hanifatul Azizah, S.Kom, M.IM

Lampiran 3. Kode Program – Database

```
<?php
defined('BASEPATH') OR exit('No direct script access allowed');

$active_group = 'default';
$query_builder = TRUE;

$db['default'] = array(
    'dsn' => "",
    'hostname' => 'localhost',
    'username' => 'root',
    'password' => "",
    'database' => 'magister',
    'dbdriver' => 'mysqli',
    'dbprefix' => "",
    'pconnect' => FALSE,
    'db_debug' => (ENVIRONMENT !== 'production'),
    'cache_on' => FALSE,
    'cachedir' => "",
    'char_set' => 'utf8',
    'dbcollat' => 'utf8_general_ci',
    'swap_pre' => "",
    'encrypt' => FALSE,
    'compress' => FALSE,
    'stricton' => FALSE,
    'failover' => array(),
    'save_queries' => TRUE
);
```

Lampiran 4. Kode Program – header

```
<!DOCTYPE html>
<html lang="en">

<head>

    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <meta name="description" content="">
    <meta name="author" content="">

    <title>Magister Ilmu Komputer</title>

    <!-- Custom fonts for this template-->
    <link href="<?php echo base_url() ?>assets/vendor/fontawesome-free/css/all.min.css"
rel="stylesheet" type="text/css">
    <link
href="https://fonts.googleapis.com/css?family=Nunito:200,200i,300,300i,400,400i,600
,600i,700,700i,800,800i,900,900i" rel="stylesheet">
```

```

<!-- Custom styles for this template-->
<link href="<?php echo base_url() ?>assets/css/sb-admin-2.min.css"
rel="stylesheet">
<script src="<?php echo base_url() ?>assets/js/Chart.js"></script>

</head>

```

Lampiran 5. Kode Program – sidebar

```

<body id="page-top">

<!-- Page Wrapper -->
<div id="wrapper">

    <!-- Sidebar -->
    <ul class="navbar-nav bg-gradient-primary sidebar sidebar-dark accordion"
id="accordionSidebar">

        <!-- Sidebar - Brand -->
        <a class="sidebar-brand d-flex align-items-center justify-content-center"
href="<?php echo base_url('administrator/dashboard'); ?>">
            <div class="sidebar-brand-icon">
                <i class="fas fa-university"></i>
            </div>
            <div class="sidebar-brand-text mx-1">Magister Ilmu Komputer</div>
        </a>

        <!-- Divider -->
        <hr class="sidebar-divider my-0">

        <!-- Nav Item - Dashboard -->
        <li class="nav-item <?php if ($active == 'dashboard') {echo 'active';}?>">
            <a class="nav-link" href="<?php echo base_url('administrator/dashboard'); ?>">
                <i class="fas fa-fw fa-tachometer-alt"></i>
                <span>Dashboard</span></a>
        </li>

        <?php
if ($this->session->userdata['level'] == "admin") {
?>
        <!-- Nav Item - Pages Collapse Menu -->
        <li class="nav-item <?php if ($active == 'matakuliah') {echo 'active';}?> ">
            <a class="nav-link" href="<?php echo base_url('administrator/matakuliah') ?>">
                <i class="fas fa-fw fa-cog"></i>
                <span>Mata Kuliah</span>
            </a>
        </li>

        <!-- Nav Item - Utilities Collapse Menu -->
        <li class="nav-item <?php if ($active == 'dosen') {echo 'active';}?>">

```

```

    <a class="nav-link collapsed" href="<?php echo base_url('administrator/dosen')
?>">
    <i class="fas fa-fw fa-wrench"></i>
    <span>Dosen</span>
    </a>
</li>
<?php }?>

<li class="nav-item <?php if ($active == 'nilai') { echo 'active'; }?>">
    <a class="nav-link" href="#" data-toggle="collapse" data-target="#collapseTwo"
aria-expanded="false" aria-controls="collapseTwo">
    <i class="fas fa-fw fa-file-excel"></i>
    <span>Nilai</span>
    </a>
    <div id="collapseTwo" class="collapse <?php if ($active == 'nilai') { echo
'show'; }?>" aria-labelledby="headingTwo" data-parent="#accordionSidebar">
    <div class="bg-white py-2 collapse-inner rounded">
    <div id="collapseTwo" class="collapse <?php if ($active == 'nilai') { echo
'show'; }?>" aria-labelledby="headingTwo" data-parent="#accordionSidebar">
    <a class="collapse-item" href="<?php echo base_url('administrator/tugas')
?>">Nilai Tugas</a>
    <a class="collapse-item" href="<?php echo base_url('administrator/kuis')
?>">Nilai Kuis</a>
    </div>
    </div>
    </div>
</li>

<li class="nav-item">
<a class="nav-link" href="<?php echo base_url('administrator/auth/logout') ?>">
<i class="fas fa-sign-out-alt"></i>
<span>Logout</span></a>
</li>

<!-- Divider -->
<hr class="sidebar-divider d-none d-md-block">

</ul>
<!-- End of Sidebar -->

<!-- Content Wrapper -->
<div id="content-wrapper" class="d-flex flex-column">

    <!-- Main Content -->
    <div id="content">

        <!-- Topbar -->
        <nav class="navbar navbar-expand navbar-light bg-white topbar mb-4 static-top
shadow">

            <!-- Sidebar Toggle (Topbar) -->

```

```

<button id="sidebarToggleTop" class="btn btn-link d-md-none rounded-circle mr-3">
  <i class="fa fa-bars"></i>
</button>
<!-- Topbar Navbar -->
<ul class="navbar-nav ml-auto">

  <!-- Nav Item - Search Dropdown (Visible Only XS) -->
  <li class="nav-item dropdown no-arrow d-sm-none">
    <a class="nav-link dropdown-toggle" href="#" id="searchDropdown"
role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
      <i class="fas fa-search fa-fw"></i>
    </a>
    <!-- Dropdown - Messages -->
    <div class="dropdown-menu dropdown-menu-right p-3 shadow animated--
grow-in" aria-labelledby="searchDropdown">
      <form class="form-inline mr-auto w-100 navbar-search">
        <div class="input-group">
          <input type="text" class="form-control bg-light border-0 small"
placeholder="Search for..." aria-label="Search" aria-describedby="basic-addon2">
          <div class="input-group-append">
            <button class="btn btn-primary" type="button">
              <i class="fas fa-search fa-sm"></i>
            </button>
          </div>
        </div>
      </form>
    </div>
  </li>

  <!-- Nav Item - User Information -->
  <li class="nav-item dropdown no-arrow">
    <a class="nav-link dropdown-toggle" href="#" id="userDropdown"
role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">
      <span class="mr-2 d-none d-lg-inline text-gray-600 small" style="text-
transform: capitalize;"><?php echo $this->session->userdata['nama']; ?></span>
      
    </a>
    <!-- Dropdown - User Information -->
    <div class="dropdown-menu dropdown-menu-right shadow animated--grow-
in" aria-labelledby="userDropdown">
      <a class="dropdown-item" href="<?php echo
base_url('administrator/auth/logout') ?>">
        <i class="fas fa-sign-out-alt fa-sm fa-fw mr-2 text-gray-400"></i>
        Logout
      </a>
    </div>
  </li>

</ul>

</nav>

```

Lampiran 6. Kode Program – footer

```
<!-- Bootstrap core JavaScript-->
<script src="<?php echo base_url() ?>assets/vendor/jquery/jquery.min.js"></script>
<script src="<?php echo base_url()
?>assets/vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

<!-- Core plugin JavaScript-->
<script src="<?php echo base_url() ?>assets/vendor/jquery-
easing/jquery.easing.min.js"></script>

<!-- Custom scripts for all pages-->
<script src="<?php echo base_url() ?>assets/js/sb-admin-2.min.js"></script>

<!-- Page level plugins -->
<script src="<?php echo base_url() ?>assets/vendor/chart.js/Chart.min.js"></script>

<!-- Page level custom scripts -->
<script src="<?php echo base_url() ?>assets/js/demo/chart-area-demo.js"></script>
<script src="<?php echo base_url() ?>assets/js/demo/chart-pie-demo.js"></script>

</body>
</html>
```

Lampiran 7. Kode Program – Auth (Login)

```
<?php
class Auth extends CI_Controller
{
    public function index()
    {
        $this->load->view('templates_administrator/header');
        $this->load->view('administrator/login');
        $this->load->view('templates_administrator/footer');
    }

    public function proses_login()
    {
        $this->form_validation->set_rules('NID', 'NID', 'required');
        $this->form_validation->set_rules('password', 'password', 'required');
        if ($this->form_validation->run() == false) {
            $this->load->view('templates_administrator/header');
            $this->load->view('administrator/login');
            $this->load->view('templates_administrator/footer');
        } else {
            $NID = $this->input->post('NID');
            $password = $this->input->post('password');
```

```

$user = $NID;
$pass = MD5($password);
$cek = $this->login_model->cek_login($user, $pass);
if ($cek->num_rows() > 0) {
    foreach ($cek->result() as $ck) {
        $sess_data['NID'] = $ck->NID;
        $sess_data['nama'] = $ck->nama;
        $sess_data['email'] = $ck->email;
        $sess_data['level'] = $ck->level;

        $this->session->set_userdata($sess_data);
    }
    redirect('administrator/dashboard');
} else {
    $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-
dismissible fade show" role="alert">
    NID Atau Password Anda Salah
    <button type="button" class="close" data-dismiss="alert" aria-label="Close">
    <span aria-hidden="true">&times;</span>
    </button>
    </div>');
    redirect('administrator/auth');

}

}

}

public function logout()
{
    $this->session->sess_destroy();
    redirect('administrator/auth');
}
}
}

```

Lampiran 8. Kode Program – Dashboard

```

<?php

class Dashboard extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
        $this->load->helper('grade');

        if (!isset($this->session->userdata['NID'])) {
            $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-
dismissible fade show" role="alert">
            Anda Belum Login !
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">

```

```

        <span aria-hidden="true">&times;</span>
    </button>
</div>);
    redirect('administrator/auth');
}
}

public function index()
{
    $data = $this->user_model->ambil_data($this->session->userdata['NID']);
    $data = array(
        'NID' => $data->NID,
        'level' => $data->level,
    );
    $menu['active'] = 'dashboard';

    $nilai = $this->input->get('nilai');
    $semester = $this->input->get('semester');
    $tahun_ajaran = $this->input->get('tahun_ajaran');

    $where = [
        'matakuliah.semester' => $semester,
        'matakuliah.tahun_ajaran' => $tahun_ajaran,
    ];
    if ($nilai == "Tugas") {
        $data['data'] = $this->tugas_model->chartAll($where)->result();
    } else if ($nilai == "Kuis") {
        $data['data'] = $this->kuis_model->chartAll($where)->result();
    } else {
        $data['data'] = [];
    }
    $data['tahun_ajaran'] = $this->matakuliah_model->tahun_ajaran()->result();
    $data['params'] = [
        'nilai' => $nilai,
        'semester' => $semester,
        'tahun_ajaran' => $tahun_ajaran,
    ];

    $this->load->view('templates_administrator/header');
    $this->load->view('templates_administrator/sidebar', $menu);
    $this->load->view('administrator/dashboard', $data);
    $this->load->view('templates_administrator/footer');
}
}
}

```

Lampiran 9. Kode Program – Dosen

```

<?php
class Dosen extends CI_Controller
{

```



```

public function index()
{
    $menu['active'] = 'dosen';
    $data['user'] = $this->dosen_model->get_dosen()->result();
    $this->load->view('templates_administrator/header');
    $this->load->view('templates_administrator/sidebar', $menu);
    $this->load->view('administrator/dosen', $data);
    $this->load->view('templates_administrator/footer');
}

public function input()
{
    $menu['active'] = 'dosen';
    $data['data'] = [
        'NID' => "",
        'nama' => "",
        'password' => "",
        'email' => "",
    ];
    $data['aksi'] = 'administrator/dosen/input_aksi';
    $data['button'] = 'Simpan';

    $this->load->view('templates_administrator/header');
    $this->load->view('templates_administrator/sidebar', $menu);
    $this->load->view('administrator/dosen_form', $data);
    $this->load->view('templates_administrator/footer');
}

public function input_aksi()
{
    $data = array(
        'NID' => $this->input->post('nid', true),
        'nama' => $this->input->post('nama', true),
        'password' => MD5($this->input->post('password', true)),
        'email' => $this->input->post('email', true),
        'level' => 'user',
    );
    $this->dosen_model->input_data($data);
    $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
        Data Dosen Berhasil Ditambahkan
        <button type="button" class="close" data-dismiss="alert" aria-label="Close">
            <span aria-hidden="true">&times;</span>
        </button>
    </div>');

    redirect('administrator/dosen');
}

public function update($id)
{
    $where = array('NID' => $id);
}

```

```

$data['data'] = $this->dosen_model->edit_data($where, 'user')->row_array();
$data['id'] = $id;
$menu['active'] = 'dosen';
$data['aksi'] = 'administrator/dosen/update_aksi/' . $id;
$data['button'] = 'Edit';

$this->load->view('templates_administrator/header');
$this->load->view('templates_administrator/sidebar', $menu);
$this->load->view('administrator/dosen_form', $data);
$this->load->view('templates_administrator/footer');
}

public function update_aksi($id)
{
    $data = array(
        'NID' => $this->input->post('nid', true),
        'nama' => $this->input->post('nama', true),
        'email' => $this->input->post('email', true),
    );

    if (!empty($this->input->post('password', true))) {
        $data['password'] = MD5($this->input->post('password', true));
    }

    $where = array(
        'NID' => $id,
    );

    $this->dosen_model->update_data($where, $data, 'user');
    $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-dismissible fade show" role="alert">
        Data Dosen Berhasil Diupdate
        <button type="button" class="close" data-dismiss="alert" aria-label="Close">
            <span aria-hidden="true">&times;</span>
        </button>
    </div>');
    redirect('administrator/dosen');
}

public function delete($id)
{
    $where = array('NID' => $id);
    $this->dosen_model->hapus_data($where, 'user');
    $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
        Data Dosen Berhasil Dihapus
        <button type="button" class="close" data-dismiss="alert" aria-label="Close">
            <span aria-hidden="true">&times;</span>
        </button>
    </div>');
    redirect('administrator/dosen');
}
}

```

```

public function detail($id)
{
    $where = array('NID' => $id);
    $data['data'] = $this->dosen_model->edit_data($where, 'user')->row_array();
    $data['id'] = $id;
    $menu['active'] = 'dosen';
    $data['matakuliah'] = $this->matakuliah_model->edit_data(['kode_dosen' => $id],
'matakuliah')->result();

    $this->load->view('templates_administrator/header');
    $this->load->view('templates_administrator/sidebar', $menu);
    $this->load->view('administrator/dosen_detail', $data);
    $this->load->view('templates_administrator/footer');

}
}

```

Lampiran 10. Kode Program – controller/kuis

```

<?php
class Kuis extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
        $this->load->helper('grade');
    }

    public function index()
    {
        $semester = $this->input->get('semester');
        $tahun_ajaran = $this->input->get('tahun_ajaran');
        $menu['active'] = 'nilai';

        $where = [
            'matakuliah.semester' => $semester,
            'matakuliah.tahun_ajaran' => $tahun_ajaran,
        ];
        $data['data'] = $this->matakuliah_model->tampil_data($where)->result();
        $data['tahun_ajaran'] = $this->matakuliah_model->tahun_ajaran()->result();
        $data['params'] = [
            'semester' => $semester,
            'tahun_ajaran' => $tahun_ajaran,
        ];

        $data['title'] = "Data Kuis";
        $this->load->view('templates_administrator/header');
        $this->load->view('templates_administrator/sidebar', $menu);
        $this->load->view('administrator/kuis', $data);
    }
}

```

```

$this->load->view('templates_administrator/footer');
}

public function importFile()
{
    if ($this->input->post('submit')) {
        $path = 'uploads/';
        require_once APPPATH . "/third_party/PHPExcel/Classes/PHPExcel.php";
        $config['upload_path'] = $path;
        $config['allowed_types'] = 'xlsx|xls|csv';
        $config['remove_spaces'] = true;
        $this->load->library('upload', $config);
        $this->upload->initialize($config);
        if (!$this->upload->do_upload('uploadFile')) {
            $error = array('error' => $this->upload->display_errors());
        } else {
            $data = array('upload_data' => $this->upload->data());
        }
        if (empty($error)) {
            if (!empty($data['upload_data']['file_name'])) {
                $import_xls_file = $data['upload_data']['file_name'];
            } else {
                $import_xls_file = 0;
            }
            $inputFileName = $path . $import_xls_file;
            try {
                $inputFileType = PHPEXCEL_IOFactory::identify($inputFileName);
                $objReader = PHPEXCEL_IOFactory::createReader($inputFileType);
                $objPHPExcel = $objReader->load($inputFileName);
                $allDataInSheet = $objPHPExcel->getActiveSheet()->toArray(null, true,
true, true);
                $flag = true;
                $i = 0;

                $kode_matkul = "";
                $pertemuan = "";
                foreach ($allDataInSheet as $value) {
                    if ($flag) {
                        $flag = false;
                        continue;
                    }
                    $insertdata[$i]['kode_matkul'] = $value['A'];
                    $insertdata[$i]['pertemuan'] = $value['B'];
                    $insertdata[$i]['rata_rata'] = $value['C'];
                    $insertdata[$i]['soal'] = $value['D'];
                    $insertdata[$i]['grade'] = gradeKuis($value['C']);

                    $kode_matkul = $value['A'];
                    $pertemuan = $value['B'];
                    $i++;
                }
                $this->kuis_model->delete([

```

```

        'kode_matkul' => $kode_matkul,
        'pertemuan' => $pertemuan,
    );
    $result = $this->kuis_model->insert($inserdata);
    if ($result) {
        $message = "Imported successfully";
    } else {
        $message = "ERROR !";
    }
    } catch (Exception $e) {
        die('Error loading file "' . pathinfo($inputFileName,
PATHINFO_BASENAME)
        . "': " . $e->getMessage());
    }
    } else {
        $message = $error['error'];
    }
}

$semester = $this->input->get('semester');
$tahun_ajaran = $this->input->get('tahun_ajaran');

$this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-
dismissible fade show" role="alert">
    ' . $message . '
    <button type="button" class="close" data-dismiss="alert" aria-label="Close">
    <span aria-hidden="true">&times;</span>
    </button>
</div>');

    redirect('administrator/kuis?semester=' . $semester . '&tahun_ajaran=' .
$tahun_ajaran);
}

public function detail($id)
{
    $pertemuan = $this->input->get('pertemuan');
    $menu['active'] = 'nilai';

    $where = [
        'kode_matkul' => $id,
        'pertemuan' => $pertemuan,
    ];
    $data['data'] = $this->kuis_model->tampil($where)->result();
    $data['avg'] = $this->kuis_model->avg($where)->row_array();

    $data['pertemuan'] = $this->kuis_model->pertemuan([
        'kode_matkul' => $id,
    ])->result();

    $data['chart'] = $this->kuis_model->chart($where)->result();
}

```

```

        $data['params'] = [
            'pertemuan' => $pertemuan,
        ];
        $data['id'] = $id;

        $matakuliah = $this->matakuliah_model->edit_data(['kode' => $id], 'matakuliah')->row_array();

        $data['title'] = "Nilai Kuis " . $matakuliah['nama'];
        $this->load->view('templates_administrator/header');
        $this->load->view('templates_administrator/sidebar', $menu);
        $this->load->view('administrator/kuis_detail', $data);
        $this->load->view('templates_administrator/footer');

    }
}

```

Lampiran 11. Kode Program – matakuliah

```

<?php

class Matakuliah extends CI_Controller
{
    public function index()
    {
        $semester = $this->input->get('semester');
        $tahun_ajaran = $this->input->get('tahun_ajaran');
        $menu['active'] = 'matakuliah';

        $where = [
            'matakuliah.semester' => $semester,
            'matakuliah.tahun_ajaran' => $tahun_ajaran,
        ];
        $data['data'] = $this->matakuliah_model->tampil_data($where)->result();
        $data['tahun_ajaran'] = $this->matakuliah_model->tahun_ajaran()->result();
        $data['params'] = [
            'semester' => $semester,
            'tahun_ajaran' => $tahun_ajaran,
        ];

        $data['title'] = "Data Mata Kuliah";
        $this->load->view('templates_administrator/header');
        $this->load->view('templates_administrator/sidebar', $menu);
        $this->load->view('administrator/admin', $data);
        $this->load->view('templates_administrator/footer');
    }

    public function input()
    {

```

```

$menu['active'] = 'matakuliah';
$data['tahun_ajaran'] = $this->matakuliah_model->tahun_ajaran()->result();
$data['dosen'] = $this->dosen_model->get_dosen()->result();
$data['aksi'] = 'administrator/matakuliah/input_aksi';
$data['button'] = 'Simpan';
$data['data'] = [
    'kode' => "",
    'nama' => "",
    'semester' => "",
    'tahun_ajaran' => "",
    'kode_dosen' => "",
    'jumlah_mahasiswa' => "",
];

$this->load->view('templates_administrator/header');
$this->load->view('templates_administrator/sidebar', $menu);
$this->load->view('administrator/matakuliah_form', $data);
$this->load->view('templates_administrator/footer');
}

public function input_aksi()
{
    $data = array(
        'kode' => $this->input->post('kode', true),
        'nama' => $this->input->post('nama', true),
        'semester' => $this->input->post('semester', true),
        'tahun_ajaran' => $this->input->post('tahun_ajaran', true),
        'kode_dosen' => $this->input->post('kode_dosen', true),
        'jumlah_mahasiswa' => $this->input->post('jumlah_mahasiswa', true),
    );
    $this->matakuliah_model->input_data($data);
    $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-dismissible fade show" role="alert">
    Data Matakuliah Berhasil Ditambahkan
    <button type="button" class="close" data-dismiss="alert" aria-label="Close">
    <span aria-hidden="true">&times;</span>
    </button>
    </div>');

    redirect('administrator/matakuliah?semester=' . $data['semester'] .
    '&tahun_ajaran=' . $data['tahun_ajaran']);
}

public function update($id)
{
    $menu['active'] = 'matakuliah';
    $where = array('kode' => $id);

```

```

    $data['data'] = $this->matakuliah_model->edit_data($where, 'matakuliah')-
    >row_array();
    $data['aksi'] = 'administrator/matakuliah/update_aksi/' . $id;
    $data['tahun_ajaran'] = $this->matakuliah_model->tahun_ajaran()->result();
    $data['dosen'] = $this->dosen_model->get_dosen()->result();
    $data['button'] = 'Edit';

    $this->load->view('templates_administrator/header');
    $this->load->view('templates_administrator/sidebar', $menu);
    $this->load->view('administrator/matakuliah_form', $data);
    $this->load->view('templates_administrator/footer');
}

public function update_aksi($id)
{
    $data = array(
        'kode' => $this->input->post('kode', true),
        'nama' => $this->input->post('nama', true),
        'semester' => $this->input->post('semester', true),
        'tahun_ajaran' => $this->input->post('tahun_ajaran', true),
        'kode_dosen' => $this->input->post('kode_dosen', true),
        'jumlah_mahasiswa' => $this->input->post('jumlah_mahasiswa', true),
    );

    $where = array(
        'kode' => $id,
    );

    $this->matakuliah_model->update_data($where, $data, 'matakuliah');
    $this->session->set_flashdata('pesan', '<div class="alert alert-success alert-
    dismissible fade show" role="alert">
        Data Matakuliah Berhasil Diupdate
        <button type="button" class="close" data-dismiss="alert" aria-label="Close">
            <span aria-hidden="true">&times;</span>
        </button>
    </div>');
    redirect('administrator/matakuliah?semester=' . $data['semester'] .
    '&tahun_ajaran=' . $data['tahun_ajaran']);
}

public function delete($id)
{
    $where = array('kode' => $id);
    $this->matakuliah_model->hapus_data($where, 'matakuliah');
    $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-
    dismissible fade show" role="alert">
        Data Matakuliah Berhasil Dihapus
        <button type="button" class="close" data-dismiss="alert" aria-label="Close">

```



```

        <span aria-hidden="true">&times;</span>
    </button>
</div>');
redirect('administrator/matakuliah');
}
}

```

Lampiran 12. Kode Program – Tugas

```

<?php
class Tugas extends CI_Controller
{
    public function __construct()
    {
        parent::__construct();
        $this->load->helper('grade');
    }

    public function index()
    {
        $semester = $this->input->get('semester');
        $tahun_ajaran = $this->input->get('tahun_ajaran');
        $menu['active'] = 'nilai';

        $where = [
            'matakuliah.semester' => $semester,
            'matakuliah.tahun_ajaran' => $tahun_ajaran,
        ];
        $data['data'] = $this->matakuliah_model->tampil_data($where)->result();
        $data['tahun_ajaran'] = $this->matakuliah_model->tahun_ajaran()->result();
        $data['params'] = [
            'semester' => $semester,
            'tahun_ajaran' => $tahun_ajaran,
        ];

        $data['title'] = "Data Tugas";
        $this->load->view('templates_administrator/header');
        $this->load->view('templates_administrator/sidebar', $menu);
        $this->load->view('administrator/tugas', $data);
        $this->load->view('templates_administrator/footer');
    }

    public function importFile()
    {
        if ($this->input->post('submit')) {
            $path = 'uploads/';
            require_once APPPATH . "/third_party/PHPExcel/Classes/PHPExcel.php";

```

```

$config['upload_path'] = $path;
$config['allowed_types'] = 'xlsx|xls|csv';
$config['remove_spaces'] = true;
$this->load->library('upload', $config);
$this->upload->initialize($config);
if (!$this->upload->do_upload('uploadFile')) {
    $error = array('error' => $this->upload->display_errors());
} else {
    $data = array('upload_data' => $this->upload->data());
}
if (empty($error)) {
    if (!empty($data['upload_data']['file_name'])) {
        $import_xls_file = $data['upload_data']['file_name'];
    } else {
        $import_xls_file = 0;
    }
    $inputFileName = $path . $import_xls_file;
    try {
        $inputFileType = PHPExcel_IOFactory::identify($inputFileName);
        $objReader = PHPExcel_IOFactory::createReader($inputFileType);
        $objPHPExcel = $objReader->load($inputFileName);
        $allDataInSheet = $objPHPExcel->getActiveSheet()->toArray(null, true,
true, true);
        $flag = true;
        $i = 0;

        $kode_matkul = "";
        $pertemuan = "";
        foreach ($allDataInSheet as $value) {
            if ($flag) {
                $flag = false;
                continue;
            }
            $insertdata[$i]['nim'] = $value['A'];
            $insertdata[$i]['nama'] = $value['B'];
            $insertdata[$i]['kode_matkul'] = $value['C'];
            $insertdata[$i]['pertemuan'] = $value['D'];
            $insertdata[$i]['nilai'] = $value['E'];
            $insertdata[$i]['grade'] = numberToGrade($value['E']);

            $kode_matkul = $value['C'];
            $pertemuan = $value['D'];
            $i++;
        }
        $this->tugas_model->delete([
            'kode_matkul' => $kode_matkul,
            'pertemuan' => $pertemuan,
        ]);
        $result = $this->tugas_model->insert($insertdata);
        if ($result) {
            $message = "Imported successfully";
        } else {
            $message = "ERROR !";
        }
    }
}

```

```

    }
    } catch (Exception $e) {
        die('Error loading file "' . pathinfo($inputFileName,
PATHINFO_BASENAME)
        . "': " . $e->getMessage());
    }
    } else {
        $message = $error['error'];
    }
}

$semester = $this->input->get('semester');
$tahun_ajaran = $this->input->get('tahun_ajaran');

$this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-
dismissible fade show" role="alert">
    ' . $message . '
    <button type="button" class="close" data-dismiss="alert" aria-label="Close">
    <span aria-hidden="true">&times;</span>
    </button>
</div>');

redirect('administrator/tugas?semester=' . $semester . '&tahun_ajaran=' .
$tahun_ajaran);

}

public function detail($id)
{
    $pertemuan = $this->input->get('pertemuan');
    $menu['active'] = 'nilai';

    $where = [
        'kode_matkul' => $id,
        'pertemuan' => $pertemuan,
    ];
    $data['data'] = $this->tugas_model->tampil($where)->result();
    $data['avg'] = $this->tugas_model->avg($where)->row_array();
    $data['pertemuan'] = $this->tugas_model->pertemuan([
        'kode_matkul' => $id,
    ])->result();

    $data['chart'] = $this->tugas_model->chart($where)->result();

    $data['params'] = [
        'pertemuan' => $pertemuan,
    ];
    $data['id'] = $id;

    $matakuliah = $this->matakuliah_model->edit_data(['kode' => $id, 'matakuliah')-
>row_array();

    $data['title'] = "Nilai Tugas " . $matakuliah['nama'];

```

```
$this->load->view('templates_administrator/header');
$this->load->view('templates_administrator/sidebar', $menu);
$this->load->view('administrator/tugas_detail', $data);
$this->load->view('templates_administrator/footer');

}

}
```

Lampiran 13. Kode Program – grade_helper

```
<?php
function numberToGrade($number)
{
    if ($number > 79.99) {
        return "A";
    }

    if ($number > 76.99 && $number <= 79.99) {
        return "A-";
    }

    if ($number > 73.99 && $number <= 76.99) {
        return "B+";
    }

    if ($number > 67.99 && $number <= 73.99) {
        return "B";
    }

    if ($number > 64.99 && $number <= 67.99) {
        return "B-";
    }

    if ($number > 61.99 && $number <= 64.99) {
        return "C+";
    }

    if ($number > 59.99 && $number <= 61.99) {
        return "C";
    }

    if ($number > 44.99 && $number <= 59.99) {
        return "D";
    }

    if ($number <= 44.99) {
        return "E";
    }

}
```

```

function gradeKuis($number)
{
    if ($number > 93) {
        return "Extremely easy";
    }

    if ($number > 88 && $number <= 93) {
        return "Very Easy";
    }

    if ($number > 78 && $number <= 88) {
        return "Easy";
    }

    if ($number > 64 && $number <= 78) {
        return "Fairly Easy";
    }

    if ($number > 33 && $number <= 64) {
        return "About right for the average student";
    }

    if ($number > 19 && $number <= 33) {
        return "Moderately Difficult";
    }

    if ($number > 10 && $number <= 19) {
        return "Difficult";
    }

    if ($number > 5 && $number <= 10) {
        return "Very Difficult";
    }

    if ($number <= 5) {
        return "Extremely difficult or something wrong with the question";
    }
}

```

Lampiran 14. Kode Program - Excel

```

<?php
if (!defined('BASEPATH')) {
    exit('No direct script access allowed');
}

require_once APPPATH . "/third_party/PHPExcel.php";

class Excel extends PHPExcel
{
    public function __construct()

```

```

{
    parent::__construct();
}
}

```

Lampiran 15. Kode Pprogram – login_model

```

<?php
class Login_model extends CI_Model{

    public function cek_login($NID, $password)
    {
        $this->db->where("NID",$NID);
        $this->db->where("password",$password);
        return $this->db->get("user");
    }

    public function getLoginData($user, $pass)
    {
        $u=$user;
        $p= MD5($pass);

        $query_cekLogin=$this->db->get_where('user', array('NID' => $u, 'password' =>
        $p));

        if(count($query_cekLogin->result())> 0) {
            foreach($query_cekLogin->result() as $qck ){
                foreach($query_cekLogin->result() as $ck){
                    $sess_data['logged_in'] = TRUE;
                    $sess_data['NID'] =$ck->NID;
                    $sess_data['password'] =$ck->password;
                    $sess_data['level'] =$ck->level;
                    $this->session->set_userdata($sess_data);
                }

                redirect('administrator/dashboard');
            }
        }else{
            $this->session->set_flashdata('pesan', '<div class="alert alert-danger alert-
            dismissible fade show" role="alert">
            NID Atau Password Anda Salah
            <button type="button" class="close" data-dismiss="alert" aria-label="Close">
            <span aria-hidden="true">&times;</span>
            </button>
            </div>');
            redirect('administrator/auth');
        }
    }
}
}

```

Lampiran 16. Kode Program – user_model

```
<?php
class User_model extends CI_Model{

    public function ambil_data($id)
    {
        $this->db->where('NID', $id);
        return $this->db->get('user')->row();
    }
}
```

Lampiran 17. Kode Program – dosen_model

```
<?php
class dosen_model extends CI_Model
{
    public function tampil_data()
    {
        return $this->db->get('user');
    }

    public function get_dosen()
    {
        return $this->db->get_where('user', "level = 'user'");
    }

    public function input_data($data)
    {
        $this->db->insert('user', $data);
    }

    public function edit_data($where, $table)
    {
        return $this->db->get_where($table, $where);
    }

    public function update_data($where, $data, $table)
    {
        $this->db->where($where);
        $this->db->update($table, $data);
    }

    public function hapus_data($where, $table)
    {
        $this->db->where($where);
    }
}
```

```
$this->db->delete($stable);  
}  
}
```

Lampiran 18. Kode Program – matakuliah_model

```
<?php  
class Matakuliah_model extends CI_Model  
{  
    public function tampil_data($where)  
    {  
        $level = $this->session->userdata['level'];  
        if ($level == "user") {  
            $where['matakuliah.kode_dosen'] = $this->session->userdata['NID'];  
        }  
        $this->db->from('matakuliah')  
            ->select('matakuliah.*, user.nama as nama_dosen')  
            ->join('user', 'user.NID = matakuliah.kode_dosen')  
            ->where($where);  
  
        return $this->db->get();  
    }  
  
    public function tahun_ajaran()  
    {  
        return $this->db->get('tahun_ajaran');  
    }  
  
    public function input_data($data)  
    {  
        $this->db->insert('matakuliah', $data);  
    }  
  
    public function edit_data($where, $stable)  
    {  
        return $this->db->get_where($stable, $where);  
    }  
  
    public function update_data($where, $data, $stable)  
    {  
        $this->db->where($where);  
        $this->db->update($stable, $data);  
    }  
  
    public function hapus_data($where, $stable)  
    {  
        $this->db->where($where);  
        $this->db->delete($stable);  
    }  
}
```


Lampiran 19. Kode Program – kuis_model

```
<?php
class kuis_model extends CI_Model
{
    public function tampil($where)
    {
        return $this->db->order_by('soal')->get_where('nilai_kuis', $where);
    }

    public function pertemuan($where)
    {
        return $this->db->select('pertemuan')->group_by('pertemuan')->get_where('nilai_kuis', $where);
    }

    public function chart($where)
    {
        return $this->db->select('grade, COUNT(grade) as total')->group_by('grade')->order_by('grade')->get_where('nilai_kuis', $where);
    }

    public function chartAll($where)
    {
        $level = $this->session->userdata['level'];
        if ($level == "user") {
            $where['matakuliah.kode_dosen'] = $this->session->userdata['NID'];
        }
        $this->db->from('matakuliah')
            ->select('matakuliah.*, AVG(nilai_kuis.rata_rata) as rata_rata')
            ->join('nilai_kuis', 'nilai_kuis.kode_matkul = matakuliah.kode')
            ->where($where)
            ->group_by('nilai_kuis.kode_matkul');

        return $this->db->get();
    }

    public function insert($data)
    {
        $res = $this->db->insert_batch('nilai_kuis', $data);
        if ($res) {
            return true;
        } else {
            return false;
        }
    }

    public function delete($where)
    {
        $this->db->where($where);
        $this->db->delete('nilai_kuis');
    }
}
```

```

public function avg($where)
{
    return $this->db->select('AVG(rata_rata) as rata_rata')->get_where('nilai_kuis',
$where);
}
}

```

Lampiran 20. Kode Program – tugas_model

```

<?php
class tugas_model extends CI_Model
{
    public function tampil($where)
    {
        return $this->db->order_by('nim')->get_where('nilai_tugas', $where);
    }

    public function pertemuan($where)
    {
        return $this->db->select('pertemuan')->group_by('pertemuan')->get_where('nilai_tugas', $where);
    }

    public function chart($where)
    {
        return $this->db->select('grade, COUNT(grade) as total')->group_by('grade')->order_by('grade')->get_where('nilai_tugas', $where);
    }

    public function chartAll($where)
    {
        $level = $this->session->userdata['level'];
        if ($level == "user") {
            $where['matakuliah.kode_dosen'] = $this->session->userdata['NID'];
        }
        $this->db->from('matakuliah')
        ->select('matakuliah.*, AVG(nilai_tugas.nilai) as rata_rata')
        ->join('nilai_tugas', 'nilai_tugas.kode_matkul = matakuliah.kode')
        ->where($where)
        ->group_by('nilai_tugas.kode_matkul');

        return $this->db->get();
    }

    public function insert($data)
    {
        $res = $this->db->insert_batch('nilai_tugas', $data);
        if ($res) {
            return true;
        } else {

```

```

        return false;
    }
}

public function delete($where)
{
    $this->db->where($where);
    $this->db->delete('nilai_tugas');
}

public function avg($where)
{
    return $this->db->select('AVG(nilai) as rata_rata')->get_where('nilai_tugas',
$where);
}
}

```

Lampiran 21. Kode Program – view/login

```

<!DOCTYPE html>
<html lang="en">

<head>

    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-
fit=no">
    <meta name="description" content="">
    <meta name="author" content="">

    <title>Login Magister</title>

    <!-- Custom fonts for this template-->
    <link href="vendor/fontawesome-free/css/all.min.css" rel="stylesheet"
type="text/css">
    <link
href="https://fonts.googleapis.com/css?family=Nunito:200,200i,300,300i,400,400i,600
,600i,700,700i,800,800i,900,900i" rel="stylesheet">

    <!-- Custom styles for this template-->
    <link href="css/sb-admin-2.min.css" rel="stylesheet">

</head>

<body class="bg-gradient-primary">

    <div class="container"><br><br><br><br><br>

    <!-- Outer Row -->
    <div class="row justify-content-center">

```

```

<div class="col-xl-5 col-lg-6 col-md-5">

  <div class="card o-hidden border-0 shadow-lg my-5">
    <div class="card-body p-0">
      <!-- Nested Row within Card Body -->
      <div class="row">
        <div class="col-lg-12">
          <div class="p-5">
            <div class="text-center">
              <h1 class="h4 text-gray-900 mb-4">Login Administrator</h1>
              <?php echo $this->session->flashdata('pesan')?>
            </div>
            <form method="post" action="<?php echo
base_url('administrator/auth/proses_login') ?>" class="user">
              <div class="form-group">
                <input type="text" class="form-control form-control-user"
id="exampleInputEmail" aria-describedby="emailHelp" placeholder="NID"
name="NID">
                <?php echo form_error('NID', '<div class="text-danger small ml-
3">','</div>') ?>
                </div>
                <div class="form-group">
                  <input type="password" class="form-control form-control-user"
id="exampleInputPassword" placeholder="password" name="password">
                  <?php echo form_error('password', '<div class="text-danger small ml-
3">','</div>') ?>
                  </div>

                  <button class="btn btn-primary btn-user btn-block">Login</button>
                </form>
              </div>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

  <!-- Bootstrap core JavaScript-->
  <script src="vendor/jquery/jquery.min.js"></script>
  <script src="vendor/bootstrap/js/bootstrap.bundle.min.js"></script>

  <!-- Core plugin JavaScript-->
  <script src="vendor/jquery-easing/jquery.easing.min.js"></script>

  <!-- Custom scripts for all pages-->
  <script src="js/sb-admin-2.min.js"></script>

</body>

```

```
</html>
```

Lampiran 22. Kode Program – view/admin

```
<div class="container-fluid">
<div class="alert alert-success" role="alert">
<div class="row">
<div class="col-md-4">
<h4 class="alert-heading"><?php echo $title; ?></h4>
</div>
<div class="col-md-8">
<form action="">
<div class="row">
<div class="col-4">
<select name="semester" required class="form-control">
<option value="">Pilih Semester</option>
<option value="Ganjil" <?php if ($params['semester'] == "Ganjil") {echo
"selected";}?>>Ganjil</option>
<option value="Genap" <?php if ($params['semester'] == "Genap") {echo
"selected";}?>>Genap</option>
</select>
</div>
<div class="col-4">
<select name="tahun_ajaran" required class="form-control">
<option value="">Pilih Tahun Ajaran</option>
<?php
foreach ($tahun_ajaran as $items):
?>
<option value="<?php echo $items->tahun_ajaran; ?>" <?php if
($params['tahun_ajaran'] == $items->tahun_ajaran) {echo "selected";}?>><?php echo
$items->tahun_ajaran; ?></option>
<?php endforeach; ?>
</select>
</div>
<div class="col-4">
<button class="btn btn-primary">Tampilkan Data</button>
</div>
</div>
</form>
</div>
</div>
</div>
<?php echo $this->session->flashdata('pesan') ?>
```

```

<?php echo anchor('administrator/matakuliah/input', '<button class="btn btn-sm btn-
primary mb-3"><i class="fas fa-plus fa-sm"></i> Tambah Matakuliah</button>') ?>
<table class="table table-bordered table-striped table-hover">
  <tr>
    <th>Kode Matakuliah</th>
    <th>Nama Matakuliah</th>
    <th>Dosen Matakuliah</th>
    <th>Jumlah Mahasiswa</th>
    <th colspan="2">Aksi</th>
  </tr>

  <?php
  $no = 1;
  foreach ($data as $items): ?>
    <tr>
      <td><?php echo $items->kode ?></td>
      <td><?php echo $items->nama ?></td>
      <td><?php echo $items->nama_dosen ?></td>
      <td><?php echo $items->jumlah_mahasiswa ?></td>

      <td><?php echo anchor('administrator/matakuliah/update/' . $items->kode, '<div
class="btn btn-sm btn-primary"><i class="fa fa-edit"></i> Edit</div>') ?></td>
      <td><?php echo anchor('administrator/matakuliah/delete/' . $items->kode, '<div
class="btn btn-sm btn-danger"><i class="fa fa-trash"></i> Hapus</div>') ?></td>
    </tr>
  <?php endforeach;?>

</table>
</div>

```

Lampiran 23. Kode Program – view/dashboard

```

<div class="container-fluid">
  <div class="alert alert-success" role="alert">
    <h4 class="alert-heading">Selamat Datang</h4>
    <p>Welcome <strong><?php echo $NID; ?></strong> anda login sebagai
    <strong><?php echo $level; ?></strong></p>
  </div>

  <div class="alert alert-primary" role="alert">

    <div class="row">
      <div class="col-md-4">

    </div>
    <div class="col-md-8">
      <form action="">
        <div class="row">

```

```

<div class="col-3">
  <select name="nilai" required class="form-control">
    <option value="">Pilih Nilai</option>
    <option value="Tugas" <?php if ($params['nilai'] == "Tugas") {echo
"selected";}?>>Tugas</option>
    <option value="Kuis" <?php if ($params['nilai'] == "Kuis") {echo
"selected";}?>>Kuis</option>
  </select>
</div>
<div class="col-3">
  <select name="semester" required class="form-control">
    <option value="">Pilih Semester</option>
    <option value="Ganjil" <?php if ($params['semester'] == "Ganjil") {echo
"selected";}?>>Ganjil</option>
    <option value="Genap" <?php if ($params['semester'] == "Genap") {echo
"selected";}?>>Genap</option>
  </select>
</div>
<div class="col-3">
  <select name="tahun_ajaran" required class="form-control">
    <option value="">Pilih Tahun Ajaran</option>
    <?php
foreach ($tahun_ajaran as $items):
?>
    <option value="<?php echo $items->tahun_ajaran; ?>" <?php if
($params['tahun_ajaran'] == $items->tahun_ajaran) {echo "selected";}?>><?php echo
$items->tahun_ajaran; ?></option>
    <?php endforeach;?>
  </select>
</div>
<div class="col-3 text-right">
  <button class="btn btn-primary">Tampilkan Data</button>
</div>
</div>
</form>
</div>

<canvas id="myChart" height="100"></canvas>

</div>

</div>

<table class="table table-bordered table-striped table-hover">
  <tr>
    <th>Kode Matkul</th>
    <th>Nama Matkul</th>
    <th>Grade</th>
    <th>Nilai (Rata Rata)</th>
  </tr>

<?php

```

```

$no = 0;
$total = 0;
foreach ($data as $items): ?>
    <tr>
        <td><?php echo $items->kode ?></td>
        <td><?php echo $items->nama ?></td>
        <td><?php echo $params['nilai'] == "Tugas" ? numberToGrade($items->rata_rata) :
gradeKuis($items->rata_rata) ?></td>
        <td><?php echo $params['nilai'] == "Kuis" ? round($items->rata_rata, 2) . "%" :
round($items->rata_rata, 2) ?></td>
    </tr>
<?php
$no++;
$total = $total + round($items->rata_rata, 2);
?>

<?php endforeach;?>
<?php if ($total > 0) {?>
    <tr>
        <th colspan="3">Rata Rata Semua</th>
        <th>
            <?php echo $params['nilai'] == "Kuis" ? round($total / $no, 2) . "%" : round($total
/ $no, 2) ?>
        </th>
    </tr>
<?php }?>

</table>
<?php
$grade = [];
foreach ($data as $item) {
    if ($params['nilai'] == "Tugas") {
        $grd = numberToGrade($item->rata_rata);
    } else {
        $grd = gradeKuis($item->rata_rata);
    }
    array_push($grade, $grd);
}
$new_data = array_count_values($grade);
$label = "";
$jumlah = null;
foreach (array_keys($new_data) as $dt) {
    $label .= "$dt" . ", ";
}

foreach (array_values($new_data) as $dt) {
    $jumlah .= "$dt" . ", ";
}

?>

<script>

```



```

var ctx = document.getElementById('myChart').getContext('2d');
var myChart = new Chart(ctx, {
  type: 'bar',
  data: {
    labels: [<?php echo $label; ?>],
    datasets: [{
      label: 'Data Nilai ',
      data: [<?php echo $jumlah; ?>],
      backgroundColor: "#476EDB"
    }]
  },
  options: {
    scales: {
      xAxis: {
        // The axis for this scale is determined from the first letter of the id as `x`
        // It is recommended to specify `position` and / or `axis` explicitly.
        ticks: {
          callback: function (val, index) {
            const str = this.getLabelForValue(val);
            return str.match(/\b[\w']+([^\w\n]+[\w']+) {0,2}\b/g);
          }
        }
      },
      y: {
        beginAtZero: true
      }
    }
  }
});
</script>

```

Lampiran 24. Kode Program – view/dosen

```

<div class="container-fluid">
  <div class="alert alert-success" role="alert">
    <h4 class="alert-heading">Dosen Magister Universitas Esa Unggul</h4>
  </div>

  <?php echo $this->session->flashdata('pesan') ?>

  <?php echo anchor('administrator/dosen/input', '<button class="btn btn-sm btn-primary
  mb-3"><i class="fas fa-plus fa-sm"></i> Tambah Dosen</button>') ?>
  <table class="table table-bordered table-striped table-hover">
    <tr>
      <th>Kode Dosen</th>
      <th>Nama Dosen</th>
      <th>Email Dosen</th>
      <th colspan="2">Aksi</th>
    </tr>

  <?php

```

```

$no = 1;
foreach ($user as $u): ?>
    <tr>
    <td><?php echo $u->NID ?></td>
    <td><?php echo anchor('administrator/dosen/detail/' . $u->NID, $u->nama); ?></td>
    <td><?php echo $u->email ?></td>
    <td><?php echo anchor('administrator/dosen/update/' . $u->NID, '<div class="btn
btn-sm btn-primary"><i class="fa fa-edit"></i> Edit</div>') ?></td>
    <td><?php echo anchor('administrator/dosen/delete/' . $u->NID, '<div class="btn
btn-sm btn-danger"><i class="fa fa-trash"></i> Hapus</div>') ?></td>
    </tr>
<?php endforeach;?>

</table>
</div>

```

Lampiran 25. Kode Program – view/dosen_detail

```

<div class="container-fluid">
<div class="alert alert-success" role="alert">
<h4 class="alert-heading">Detail Dosen</h4>
</div>
<table class="table">
<tr>
<td>
NID
</td>
<td style="width: 20px">:</td>
<td>
<?php echo $data['NID']; ?>
</td>
</tr>
<tr>
<td>
Nama
</td>
<td style="width: 20px">:</td>
<td>
<?php echo $data['nama']; ?>
</td>
</tr>
<tr>
<td>
Email
</td>
<td style="width: 20px">:</td>
<td>
<?php echo $data['email']; ?>
</td>
</tr>
</table>

```

```

<br />
<div class="alert alert-success" role="alert">
  <h4 class="alert-heading">Mata Kuliah Dosen</h4>
</div>
<table class="table table-bordered table-striped table-hover">
  <tr>
    <th>Kode Matakuliah</th>
    <th>Nama Matakuliah</th>
    <th>Semester</th>
    <th>Tahun Ajaran</th>
    <th>Jumlah Mahasiswa</th>
  </tr>

  <?php
$no = 1;
foreach ($matakuliah as $items): ?>
  <tr>
    <td><?php echo $items->kode ?></td>
    <td><?php echo anchor('administrator/matakuliah/update/' . $items->kode, $items->nama); ?></td>
    <td><?php echo $items->semester ?></td>
    <td><?php echo $items->tahun_ajaran ?></td>
    <td><?php echo $items->jumlah_mahasiswa ?></td>
  </tr>
  <?php endforeach;?>
</div>

```

Lampiran 26. Kode Program – view/dosen_form

```

<div class="container-fluid">
  <div class="alert alert-success" role="alert">
    <h4 class="alert-heading">Form Dosen</h4>
  </div>
  <form method="POST" action="<?php echo base_url($aksi); ?>">
    <div class="form-group">
      <label>NID</label>
      <input type="text" name="nid" value="<?php echo $data['NID']; ?>" required
placeholder="Masukkan NID" class="form-control">
    </div>

    <div class="form-group">
      <label>Nama Dosen</label>
      <input type="text" name="nama" value="<?php echo $data['nama']; ?>" required
placeholder="Masukkan Nama Dosen" class="form-control">
    </div>

    <div class="form-group">
      <label>Email</label>

```

```

        <input type="email" name="email" value="<?php echo $data['email']; ?>"
        required placeholder="Masukkan Email Dosen" class="form-control">
    </div>

    <div class="form-group">
        <label>Password</label>
        <input type="password" name="password" <?php if (!isset($id)) {?> required
        <?php }?> placeholder="Masukkan Password Dosen" class="form-control">
        <?php if (isset($id)) {?> <label style="font-size: 12px; color: red;">**
        Kosongkan jika tidak ingin mengubah password</label><?php }?>
    </div>
    <button type="submit" class="btn btn-primary"><?php echo $button; ?></button>
</form>
</div>

```

Lampiran 27. Kode Program – view/matakuliah_form

```

<div class="container-fluid">

<div class="alert alert-success" role="alert">
    <h4 class="alert-heading">Form Matakuliah</h4>
</div>

<form method="post" action="<?php echo base_url($aksi) ?>">
    <div class="form-group">
        <label>Kode Matakuliah</label>
        <input type="text" name="kode" value="<?php echo $data['kode']; ?>" required
        placeholder="Masukkan Kode Matakuliah" class="form-control">
    </div>

    <div class="form-group">
        <label>Nama Matakuliah</label>
        <input type="text" name="nama" value="<?php echo $data['nama']; ?>" required
        placeholder="Masukkan Nama Matakuliah" class="form-control">
    </div>

    <div class="form-group">
        <label>Semester</label>
        <select name="semester" required require class="form-control">
            <option value="">Pilih Semester</option>
            <option value="Ganjil" <?php if ($data['semester'] == "Ganjil") {echo
            "selected";}?>>Ganjil</option>
            <option value="Genap" <?php if ($data['semester'] == "Genap") {echo
            "selected";}?>>Genap</option>
        </select>
    </div>

    <div class="form-group">
        <label>Tahun Ajaran</label>
        <select name="tahun_ajaran" required require class="form-control">
            <option value="">Pilih Tahun Ajaran</option>

```

```

        <?php
foreach ($tahun_ajaran as $items):
?>
    <option value="<?php echo $items->tahun_ajaran; ?>" <?php if
($data['tahun_ajaran'] == $items->tahun_ajaran) {echo "selected";}?><?php echo
$items->tahun_ajaran; ?></option>
    <?php endforeach;?>
</select>
</div>

<div class="form-group">
<label>Dosen</label>
<select name="kode_dosen" required require class="form-control">
<option value="">Pilih Dosen</option>

    <?php
foreach ($dosen as $items):
?>
    <option value="<?php echo $items->NID; ?>" <?php if ($data['kode_dosen']
== $items->NID) {echo "selected";}?><?php echo $items->nama; ?></option>
    <?php endforeach;?>
</select>
</div>

<div class="form-group">
<label>Jumlah Mahasiswa</label>
<input type="number" min="1" name="jumlah_mahasiswa" value="<?php echo
$data['jumlah_mahasiswa']; ?>" placeholder="Masukkan Jumlah Mahasiswa"
class="form-control">
</div>
<button type="submit" class="btn btn-primary"><?php echo $button;
?></button>
</form>

</div>

```

Lampiran 28. Kode Program – view/kuis

```

<div class="container-fluid">
<div class="alert alert-success" role="alert">
<div class="row">
<div class="col-md-4">
<h4 class="alert-heading"><?php echo $title; ?></h4>
</div>
<div class="col-md-8">
<form action="">
<div class="row">
<div class="col-4">
<select name="semester" required class="form-control">
<option value="">Pilih Semester</option>

```

```

        <option value="Ganjil" <?php if ($params['semester'] == "Ganjil") {echo
"selected";}?>>Ganjil</option>
        <option value="Genap" <?php if ($params['semester'] == "Genap") {echo
"selected";}?>>Genap</option>
    </select>
</div>
<div class="col-4">
    <select name="tahun_ajaran" required class="form-control">
        <option value="">Pilih Tahun Ajaran</option>
        <?php
foreach ($tahun_ajaran as $items):
?>
        <option value="<?php echo $items->tahun_ajaran; ?>" <?php if
($params['tahun_ajaran'] == $items->tahun_ajaran) {echo "selected";}?>><?php echo
$items->tahun_ajaran; ?></option>
        <?php endforeach;?>
    </select>
</div>
<div class="col-4">
    <button class="btn btn-primary">Tampilkan Data</button>
</div>
</div>
</form>
</div>
</div>

<?php echo $this->session->flashdata('pesan') ?>
<div class="text-right">
    <a href="<?php echo base_url() ?>assets/export/export-format-kuis.xlsx">
    <button class="btn btn-primary"><i class="fa fa-download"></i> Download Format
Excel</button>
</a>
</div>
<br />
<table class="table table-bordered table-striped table-hover">
    <tr>
        <th>Kode Matakuliah</th>
        <th>Nama Matakuliah</th>
        <th>Dosen Matakuliah</th>
        <th>Jumlah Mahasiswa</th>
        <th colspan="2">Aksi</th>
    </tr>

    <?php
$no = 1;
foreach ($data as $items): ?>
    <tr>
        <td><?php echo $items->kode ?></td>
        <td><?php echo $items->nama ?></td>
        <td><?php echo $items->nama_dosen ?></td>

```

```

<td><?php echo $items->jumlah_mahasiswa ?></td>
<td>
  <a href="<?php echo base_url(); ?>administrator/kuis/detail/<?php echo $items-
>kode; ?>">
    <button class="btn btn-info"><i class="fa fa-info"></i> Detail</button>
  </a>
</td>
<td>
  <button class="btn btn-primary" onClick="uploadClick('<?php echo $items->kode;
?>')"><i class="fa fa-upload"></i> Upload Nilai</button>
  <form method="POST" action="<?php echo base_url()
?>administrator/kuis/importFile?semester=<?php echo $params['semester'];
?>&tahun_ajaran=<?php echo $params['tahun_ajaran']; ?>" enctype="multipart/form-
data">
    <input type="file" id="uploadFile<?php echo $items->kode; ?>"
onChange="changeUpload('<?php echo $items->kode; ?>')" name="uploadFile"
value="" style="display: none;" />
    <input type="submit" id="form-upload<?php echo $items->kode; ?>"
name="submit" value="Import" style="display: none;" />
  </form>
</td>
</tr>
<?php endforeach;?>
</table>
</div>

<script type="text/javascript">

function uploadClick (id) {
  document.getElementById('uploadFile'+id).click();
}
function changeUpload(id) {
  document.getElementById('form-upload'+id).click();
}

</script>

```

Lampiran 29. Kode Program – view/kuis_detail

```

<div class="container-fluid">
  <div class="alert alert-success" role="alert">
    <div class="row">
      <div class="col-md-10">
        <h4 class="alert-heading"><?php echo $title; ?></h4>
      </div>
      <div class="col-md-2">
        <form action="">
          <div class="row">

```

```

<div class="col-12">
  <select name="pertemuan" id="pertemuan" onChange="link()" class="form-
control">
    <option value="">Pilih Pertemuan</option>
    <?php
foreach ($pertemuan as $items):
?>
    <option value="<?php echo $items->pertemuan; ?>" <?php if
($params['pertemuan'] == $items->pertemuan) {echo "selected";}?><?php echo
$items->pertemuan; ?></option>
    <?php endforeach;?>
  </select>
</div>
</div>
</form>
</div>
</div>

</div>

<canvas id="myChart" height="100"></canvas>
<br />
<table class="table table-bordered table-striped table-hover">
  <tr>
    <th>Pertemuan</th>
    <th>Soal</th>
    <th>Grade</th>
    <th>Persentase</th>
  </tr>

  <?php
$no = 1;
foreach ($data as $items): ?>
  <tr>
    <td><?php echo $items->pertemuan ?></td>
    <td><?php echo $items->soal ?></td>
    <td><?php echo $items->grade ?></td>
    <td><?php echo $items->rata_rata ?>%</td>
  </tr>
  <?php endforeach;?>

  <tr>
    <th colspan="3">
      Rata Rata
    </th>
    <th>
      <?php echo $avg['rata_rata']; ?>%
    </th>
  </tr>
</table>
</div>

```



```

<?php
$grade = "";
$jumlah = null;
foreach ($chart as $item) {
    $jur = $item->grade;
    $grade .= "$jur" . ", ";
    $jum = $item->total;
    $jumlah .= "$jum" . ", ";
}
?>

<script type="text/javascript">
function link () {
    const pertemuan = document.getElementById('pertemuan').value;
    document.location = `<?php echo base_url(); ?>administrator/kuis/detail/<?php echo $id; ?>?pertemuan=${pertemuan}`;
}

var ctx = document.getElementById('myChart').getContext('2d');
var myChart = new Chart(ctx, {
    type: 'bar',
    data: {
        labels: [<?php echo $grade; ?>],
        datasets: [{
            label: 'Data Nilai ',
            data: [<?php echo $jumlah; ?>],
            backgroundColor: "#476EDB"
        }]
    },
    options: {
        scales: {
            xAxis: {
                // The axis for this scale is determined from the first letter of the id as `x`
                // It is recommended to specify `position` and / or `axis` explicitly.
                ticks: {
                    callback: function (val, index) {
                        const str = this.getLabelForValue(val);
                        return str.match(/^(?![^\w\n]+[\w]+){0,2}/b/g);
                    }
                },
            },
            y: {
                beginAtZero: true,
            },
        }
    },
});
</script>

```

Lampiran 30. Kode Program – view/tugas

```
<div class="container-fluid">
<div class="alert alert-success" role="alert">
  <div class="row">
    <div class="col-md-4">
      <h4 class="alert-heading"><?php echo $title; ?></h4>
    </div>
    <div class="col-md-8">
      <form action="">
        <div class="row">
          <div class="col-4">
            <select name="semester" required class="form-control">
              <option value="">Pilih Semester</option>
              <option value="Ganjil" <?php if ($params['semester'] == "Ganjil") {echo
"selected";}?>>Ganjil</option>
              <option value="Genap" <?php if ($params['semester'] == "Genap") {echo
"selected";}?>>Genap</option>
            </select>
          </div>
          <div class="col-4">
            <select name="tahun_ajaran" required class="form-control">
              <option value="">Pilih Tahun Ajaran</option>
              <?php
foreach ($tahun_ajaran as $items):
?>
                <option value="<?php echo $items->tahun_ajaran; ?>" <?php if
($params['tahun_ajaran'] == $items->tahun_ajaran) {echo "selected";}?>><?php echo
$items->tahun_ajaran; ?></option>
              <?php endforeach;?>
            </select>
          </div>
          <div class="col-4">
            <button class="btn btn-primary">Tampilkan Data</button>
          </div>
        </div>
      </form>
    </div>
  </div>
</div>
<?php echo $this->session->flashdata('pesan') ?>
<div class="text-right">
  <a href="<?php echo base_url() ?>assets/export/export-format-tugas.xlsx">
  <button class="btn btn-primary"><i class="fa fa-download"></i> Download Format
Excel</button>
  </a>
</div>
<br />
<table class="table table-bordered table-striped table-hover">
```

```

<tr>
    <th>Kode Matakuliah</th>
    <th>Nama Matakuliah</th>
    <th>Dosen Matakuliah</th>
    <th>Jumlah Mahasiswa</th>
    <th colspan="2">Aksi</th>
</tr>

<?php
$no = 1;
foreach ($data as $items): ?>
    <tr>
        <td><?php echo $items->kode ?></td>
        <td><?php echo $items->nama ?></td>
        <td><?php echo $items->nama_dosen ?></td>
        <td><?php echo $items->jumlah_mahasiswa ?></td>
        <td>
            <a href="<?php echo base_url(); ?>administrator/tugas/detail/<?php echo $items->kode; ?>">
                <button class="btn btn-info"><i class="fa fa-info"></i> Detail</button>
            </a>
        </td>
        <td>
            <button class="btn btn-primary" onClick="uploadClick('<?php echo $items->kode; ?>')"><i class="fa fa-upload"></i> Upload Nilai</button>
            <form method="POST" action="<?php echo base_url() ?>administrator/tugas/importFile?semester=<?php echo $params['semester']; ?>&tahun_ajaran=<?php echo $params['tahun_ajaran']; ?>" enctype="multipart/form-data">
                <input type="file" id="uploadFile<?php echo $items->kode; ?>"
                onChange="changeUpload('<?php echo $items->kode; ?>')" name="uploadFile"
                value="" style="display: none;" />
                <input type="submit" id="form-upload<?php echo $items->kode; ?>"
                name="submit" value="Import" style="display: none;" />
            </form>
        </td>
    </tr>
<?php endforeach;?>

</table>
</div>

<script type="text/javascript">

function uploadClick (id) {
    document.getElementById('uploadFile'+id).click();
}
function changeUpload(id) {
    document.getElementById('form-upload'+id).click();
}

```

```
</script>
```

Lampiran 31. Kode Program – view/tugas_detail

```
<div class="container-fluid">  
  
<div class="alert alert-success" role="alert">  
  <div class="row">  
    <div class="col-md-10">  
      <h4 class="alert-heading"><?php echo $title; ?></h4>  
    </div>  
    <div class="col-md-2">  
      <form action="">  
        <div class="row">  
          <div class="col-12">  
            <select name="pertemuan" id="pertemuan" onChange="link()" class="form-control">  
              <option value="">Pilih Pertemuan</option>  
              <?php  
foreach ($pertemuan as $items):  
  ?>  
    <option value="<?php echo $items->pertemuan; ?>" <?php if  
($params['pertemuan'] == $items->pertemuan) {echo "selected";}?><?php echo  
$items->pertemuan; ?></option>  
    <?php endforeach; ?>  
              </select>  
            </div>  
          </div>  
        </form>  
      </div>  
    </div>  
  
</div>  
  
<canvas id="myChart" height="100"></canvas>  
<br />  
<table class="table table-bordered table-striped table-hover">  
  <tr>  
    <th>Nim</th>  
    <th>Nama</th>  
    <th>Pertemuan</th>  
    <th>Grade</th>  
    <th>Nilai</th>  
  </tr>  
  
  <?php  
$no = 1;  
foreach ($data as $items): ?>  
    <tr>  
      <td><?php echo $items->nim ?></td>  
      <td><?php echo $items->nama ?></td>
```

```

<td><?php echo $items->pertemuan ?></td>
<td><?php echo $items->grade ?></td>
<td><?php echo $items->nilai ?></td>
</tr>
<?php endforeach;?>

<tr>
<th colspan="4">
    Rata Rata
</th>
<th>
    <?php echo round($avg['rata_rata'], 2); ?>
</th>
</tr>
</tr>

</table>
</div>

<?php
$grade = "";
$jumlah = null;
foreach ($chart as $item) {
    $jur = $item->grade;
    $grade .= "$jur" . " , ";
    $jum = $item->total;
    $jumlah .= "$jum" . " , ";
}

?>

<script type="text/javascript">
function link () {
    const pertemuan = document.getElementById('pertemuan').value;
    document.location = `<?php echo base_url(); ?>administrator/tugas/detail/<?php echo $id; ?>?pertemuan=${pertemuan}`;
}

var ctx = document.getElementById('myChart').getContext('2d');
var myChart = new Chart(ctx, {
    type: 'bar',
    data: {
        labels: [<?php echo $grade; ?>],
        datasets: [{
            label: 'Data Nilai ',
            data: [<?php echo $jumlah; ?>],
            backgroundColor: "#476EDB"
        }]
    },
    options: {
        scales: {
            y: {

```

```
beginAtZero: true
  }
  }
  });
</script>
```

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